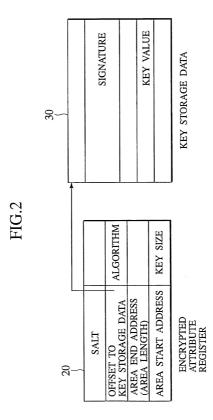
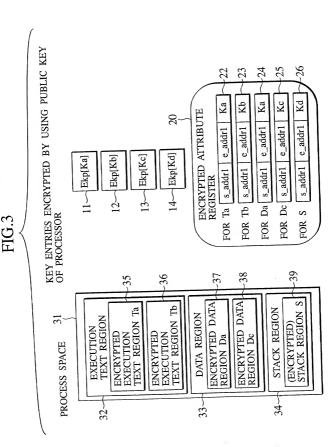
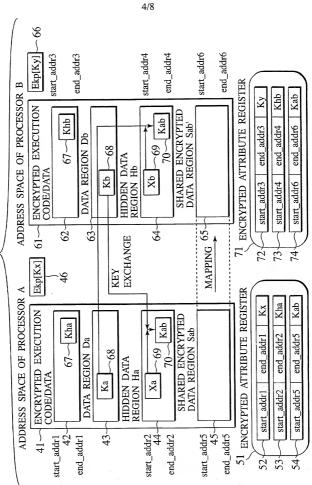


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PROCESS B S91	SPECIFY EAPIKYJ TO ENCRYPTED EXECUTION CODEDATA REGION. PROCESSOR SETS START & END ADDRESSES & DECRYPTED KEY KY IN ENCRYPTED ATTRIBUTE REGISTER.	SPECIFY KEY Kbb FOR HIDDEN DATA REGION Hb. PROCESSOR SETS START & END ADDRESSES & KEY Khb IN ENCRYPTED ATTRIBUTE REGISTER WHILE HIDDEN DATA REGION Hb IS CREATED.	CALCULATE KEYS Kb & Xb NECESSARY FOR KEY EXCHANGE PROCEDURE BY D-H SCHEME. KEY Xb IS STORED IN HIDDEN DATA REGION Hb. REGION Db. REGION Db.	SEND KEY K6 TO PROCESS A BY USING INTER- PROCESS COMMUNICATION FUNCTION (FOR PLAINTEXT) PROVIDED BY OS.	FECEIVE KEY Ka FROM PROCESS A, & CALCULATE COMMON KEY Kab BY USING Ka & Xb.	CREATE SHARED ENCRYPTED DATA REGION Sab's BY MAPPING Sab TO ADDRESS SPACE OF PROCESS BY BUSING SHARING METHOD (Match) OF SHARED MEMORY PROVIDED BY OS. PROCESSOR SETS START & END ADDRESSES & COMMON KEY Kab IN ENCRYPTED ATTRIBUTE REGISTER.
FIG.5		\$92	S93 S84	S 294	88 88 88	96S
PROCESS A S81	SPECIFY EAP(K.) TO ENCRYPTED EXECUTION CODEDATA REGION, PROCESSOR SETS START & END ADDRESSES & DECRYPTED KEY K. IN ENCRYPTED ATTRIBUTE REGISTER.	SPECIFY KEY Kha FOR HIDDEN DATA REGION Ha. PROCESSOR SETS START & END ADDRESSES & KEY Kha IN ENCRYPTED ATTRIBUTE REGISTER WHILE HIDDEN DATA REGION Ha IS CREATED.	CALCULATE KEYS Ka & Xa NECESSARY FOR KEY EXCHANGE PROCEDURE BY D-H SCHEME. KEY Xa IS STORED IN HIDDEN DATA REGION Ha. KEY & CAN BE STORED IN ORDINARY DATA REGION Da.	SEND KEY KA TO PROCESS B BY USING INTER- PROCESS COMMUNICATION FUNCTION (FOR PLAINTEXT) PROVIDED BY OS.	** RECEIVE KEY KB FROM PROCESS B, & CALCULATE COMMON KEY Kab BY USING KB & Xa.	CREATE SHARED ENCRYPTED DATA REGION Sab TO BE SHARED BETWEEN PROCESSES A & B, & REGISTER SAB AS SHARED MEMORY IN OS. PROCESSOR SETS START & END ADDRESSES & COMMON KEY KAD IN ENCRYPTED ATTRIBUTE REGISTER.

OPERATIONS WITH RESPECT TO SHARED ENCRYPTED DATA REGION (READ, WRITE, ETC.)

FIG.6

